

[54] PAGING RECEIVER WITH METALLIC DISPLAY FRAME STRUCTURE INCREASING ANTENNA GAIN

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[56] References Cited

U.S. PATENT DOCUMENTS

4,491,978 1/1985 Nagaton et al. 455/351
4,701,763 10/1987 Yamamoto et al. 343/702
4,814,776 4/1989 Caci et al. 343/702

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[57] ABSTRACT

A paging receiver having a display prevents the gain of an antenna from being lowered despite that a metal frame which fixes a display in place is located in close proximity to and in parallel with the antenna. A part of the metal frame which is close to the antenna is removed.

4 Claims, 4 Drawing Sheets

